

56C

DPM 6057 Catalyst

(was DPM 3436-17)

ORIGINAL MATERIAL

FEB 16 1982

MATERIAL SAFETY DATA SHEET

Form Approved  
Bureau Budget No. 45-R0338

SECTION I	MANUFACTURER'S NAME AND FSCM (Federal Supply Code for Manufacturers)				EMERGENCY PHONE NO.	
	Emerson & Cuming, Inc.				828-3300	
	ADDRESS (Number, Street, City, State, and ZIP Code)					
	869 Washington St., Canton, Mass. 02021					
	CHEMICAL NAME AND SYNONYMS				TRADE NAME AND SYNONYMS	
					Catalyst 9	
	CHEMICAL FAMILY				FORMULA	
Modified Aliphatic Amine				Proprietary		
FEDERAL STOCK NUMBER (FSN)		GROSS WEIGHT (LBS)		OUTSIDE PACKAGE DIMENSIONS (Inches)		
MIL-STD-1341/NATIONAL FIRE PROTECTION ASSOCIATION STD 704M SIGNAL						
FLAMMABILITY _____ HEALTH _____ REACTIVITY _____ SPECIFIC HAZARD _____						
SECTION II - HAZARDOUS INGREDIENTS	PAINTS, PRESERVATIVES, AND SOLVENTS	%	THRESHOLD LIMIT VALUE (Units)	ALLOYS AND METALLIC COATINGS	%	THRESHOLD LIMIT VALUE (Units)
	PIGMENTS			BASE METAL		
	CATALYST mod. aliphatic amine	100		ALLOYS		
	VEHICLE			METALLIC COATINGS		
	SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
	ADDITIVES			OTHERS		
	OTHERS					
	HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	THRESHOLD LIMIT VALUE (Units)
SECTION III PHYSICAL DATA	BOILING POINT (°F.)	> 330°C		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	< 1.0	
	VAPOR PRESSURE (mm Hg.)	.01		PERCENT VOLATILE BY VOLUME (%)		
	VAPOR DENSITY (AIR = 1)			EVAPORATION RATE ( _____ = 1)		
	SOLUBILITY IN WATER					
	APPEARANCE AND ODOR					
SECTION IV - FIRE AND EXPLOSION HAZARD DATA	Viscous liquid (pink to amber)					
	FLASH POINT (Method used)	T. O. C. 325°F <i>low 10% for CC</i>		FLAMMABLE LIMITS	LOWER EXPLOSIVE LIMIT	UPPER EXPLOSIVE LIMIT
	EXTINGUISHING MEDIA					
	Foam, CO <sub>2</sub> , dry chemicals					
	SPECIAL FIRE FIGHTING PROCEDURES					
None						
UNUSUAL FIRE AND EXPLOSION HAZARDS						
None						

SECTION V HEALTH HAZARD DATA	THRESHOLD LIMIT VALUE			
	EFFECTS OF OVEREXPOSURE Irritating to skin			
	EMERGENCY AND FIRST AID PROCEDURES Wash with soap and water			
SECTION VI REACTIVITY DATA	STABILITY	UNSTABLE		CONDITIONS TO AVOID Heating to decomposition
		STABLE	X	
	INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents			
	HAZARDOUS DECOMPOSITION PRODUCTS Toxic fumes of nitrogen oxides			
	HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
WILL NOT OCCUR		X		
SECTION VII SPILL OR LEAK PROCEDURES	STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Wash with soap and water			
	WASTE DISPOSAL METHOD Controlled burning or burial			
SECTION VIII - SPECIAL PROTECTION INFORMATION	RESPIRATORY PROTECTION (Specify type)			
	VENTILATION	LOCAL EXHAUST X		SPECIAL
		MECHANICAL (General)		OTHER
	PROTECTIVE GLOVES Rubber Gloves		EYE PROTECTION Goggles	
	OTHER PROTECTIVE EQUIPMENT			
SECTION IX SPECIAL PRECAUTIONS	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store in unopened containers below 80°F			
	OTHER PRECAUTIONS			

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. ADDITIONALLY, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED; FURTHERMORE, VENDEE ASSUMES THE RISK IN HIS USE OF THE MATERIAL.